

STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF FORESTRY

TIMBER SALE PROSPECTUS

	Page
NC-1439-F    HARD TELLING NOT KNOWING.....	2
NC-1440-F    TWO RIVERS JUNCTION.....	3
NC-1446-F    STANDARD 6 MILE SPRUCE #2.....	4
NC-1447-F    HALFASPRUCE .....	5
NC-1508-F    HIGH STANDARDS SPRUCE .....	7
NC-1514-F    BERG BIRCH.....	8
NC-1533-F    NENANA RIDGE EAST ASPEN #1 .....	9
NC-1534-F    NENANA RIDGE POWERLINE BIRCH #1 .....	10
NC-1542-F    LOOP BIRCH.....	11
NC-1547-F    OLD VALDEZ TRAIL SPRUCE .....	12
GENERAL SALE INFORMATION .....	14

## NC-1439-F HARD TELLING NOT KNOWING

**NC-1439-F, Hard Telling Not Knowing:** a 42.2 acre sale of one unit; located 42 miles southeast of Fairbanks and 1.75 miles east of Harding Lake, within the Fairbanks North Star Borough and within the boundaries of the Tanana Valley State Forest. Approximately 5.75 miles of existing winter road will need to be maintained along with 0.25 miles of new winter road. The new winter road would cross a relatively level valley. The small black spruce trees present would be easily cleared and bermed alongside the road. The sale is designated within Section 9, Township 6 South Range 5 East, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch Fuelwood	237 CCF	\$13.60/CCF	\$3,223.20	May 31, 2016

**NC-1439-F** is a birch dominated hillside of a single unit. The unit is composed primarily of small to medium sized birch. The terrain is relatively flat. The PURCHASER will remove all birch trees 6 inches and greater. Bonding for the sale is **\$500.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$500.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1439		Percent Defect = 15 %		Standard Error of Cruise = 8.33 %		Birch Fuelwood		BAF = 20	
Average DBH in inches of these trees		= 8.0							
DBH		Approximate Total Number of Trees		Approximate Volume Per Tree (CF)		Adjusted Gross Volume (CCF)		Percent of Total Sale Volume	
6		576.29		2.12		10.52		3.76	
7		1,058.50		4.33		39.55		14.13	
8		1,458.74		7.2		90.59		32.37	
9		768.39		9.75		64.55		23.07	
10		311.2		13.93		37.37		13.35	
11		171.46		16.83		24.88		8.89	
12		72.04		19.92		12.37		4.42	
Totals		4417		7.35		280		100	

ave vol/tree Table

Table indicates gross volume (not net volume).

## NC-1440-F TWO RIVERS JUNCTION

**NC-1440-F, Two Rivers Junction:** a 81 acre sale of one unit is located 18 miles east of Fairbanks by driving east on the Chena Hotsprings road to milepost 18. At this point the route continues north along Two Rivers road. After driving approximately 4.9 miles north on the Two Rivers road the sale is located on the east side of the road. This sale will require 0.75 miles of new secondary road construction. The sale is designated within Section 13 of Township 1 North, Range 3 East, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch Fuelwood	655 CCF	\$14.49/CCF	\$9,490.95	May 31, 2016

**NC-1440-F** is a stand consists primarily of birch with a few aspen and white spruce of about 90 years of age on a moderate northeast facing slope east of the Little Chena River. The PURCHASER will remove all birch trees 6 inches and greater. Bonding for the sale is **\$1,000.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$1,000.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1440		Percent Defect = 15 %		Standard Error of Cruise = 7.60 %		Birch Fuelwood		BAF = 20	
Average DBH in inches of these trees = 7.89									
DBH		Approximate Total Number of Trees		Approximate Volume Per Tree (CF)		Adjusted Gross Volume (CCF)		Percent of Total Sale Volume	
6		1,273.53		3.44		42.26		6.45	
7		2,456.08		5.56		131.49		20.07	
8		2,507.25		8.13		196.31		29.97	
9		1,132.02		10.78		117.63		17.96	
10		401.16		13.4		51.78		7.91	
11		426.26		17.69		72.66		11.09	
12		79.6		20.86		16		2.44	
13		67.82		24.31		15.89		2.43	
14		0		0		0		0	
15		0		0		0		0	
16		0		0		0		0	
17		19.83		57.71		11.03		1.68	
Total		8,363.6		8.1		655.1		100	

ave vol/tree Table

Table indicates gross volume (not net volume).

## NC-1446-F STANDARD 6 MILE SPRUCE #2

**NC-1446-F, Standard 6 Mile Spruce #2:** a 36 acre sale of one unit which is located 20 miles west of Fairbanks and can be accessed from Standard Creek Road which is located 2.1 miles down the Old Nenana Highway from its western entrance to the Parks Highway between Mileposts 342 and 343. The proposed sale can then be reached by traveling approximately 6.5 miles west on Standard Creek Road and then south along a preexisting spur road for approximately 1.0 miles. The proposed sale area is located within Sections 29 and 32, Township 1 South, and Range 4 West within the Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	181 CCF	\$28.83/CCF	\$5,218.23	May 31, 2016

### Short Log Volume in MBF = 74.21

**NC-1446-F** is a stand primarily composed of saw timber size white spruce located on a gentle south to southwest facing slope. There is some evidence of budworm in the stand. The PURCHASER will remove all white spruce trees 9 inches and greater. Bonding for the sale is **\$500.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$250.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1446		Percent Defect = 15 %		Standard Error of Cruise = 10.58 %		Spruce Sawlogs		BAF = 20	
Average DBH in inches of these trees = 12.07									
DBH		Approximate Total Number of Trees		Approximate Volume Per Tree (CF)		Adjusted Gross Volume (CCF)		Percent of Total Sale Volume	
9		125.95		6.41		8.38		4.63	
10		306.07		8.72		27.71		15.32	
11		126.47		11.41		14.97		8.28	
12		70.85		15.07		11.08		6.12	
13		211.29		18.22		39.95		22.08	
14		52.05		22.63		12.22		6.76	
15		45.34		23.75		11.17		6.18	
16		39.85		30.84		12.75		7.05	
17		35.3		35.93		13.16		7.27	
18		15.74		40.29		6.58		3.64	
19		14.13		52.55		7.7		4.26	
20		0		0		0		0	
21		0		0		0		0	
22		0		0		0		0	
23		9.64		79.86		7.99		4.42	
24		8.86		78.64		7.23		3.99	
Totals		1061.5		16.4		180.9		100.0	

ave vol/tree Table

Table indicates gross volume (not net volume).

## NC-1447-F HALFASPRUCE

**NC-1447-F, Halfaspruce:** a 64 acre sale of one unit which is located approximately 35 miles southwest of Fairbanks and can be accessed from Skinny's logging road at milepost 327 of the Parks Highway. After traveling approximately 1 mile north on the Skinny's logging road turn west and then travel 1.0 miles. A new spur road construction of 0.25 miles will be necessary to access the sale. The proposed sale area is located within Section 20, Township 2 South Range 5 West within the Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	707 CCF	\$27.59/CCF	\$19,507.81	May 31, 2016
Spruce fuelwood	121 CCF	\$10.00/CCF	\$1,210.00	May 31, 2016
		<b>Total</b>	<b>\$20,716.13</b>	

**Short Log Volume in MBF = 289.97**

**NC-1447-F** is a stand primarily composed of 160 year old pole and saw size class white spruce. The terrain is moderately sloping with a north to northwest facing aspect. The PURCHASER will remove all white spruce which is 6 inches or greater. Bonding for the sale is **\$2,000.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$750.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1447		Percent Defect = 15 %		Standard Error of Cruise = 8.19 %		Spruce Sawlogs		BAF = 20	
Average DBH in inches of these trees									
DBH		Approximate Total Number of Trees		Approximate Volume Per Tree (CF)		Adjusted Gross Volume (CCF)		Percent of Total Sale Volume	
9		1,027.38		6.46		66.72		8.02	
10		693.48		10.39		72.43		8.70	
11		802.38		13.95		112.58		13.53	
12		1,011.33		17.34		176.38		21.19	
13		410.34		23.05		95.11		11.43	
14		459.96		23.93		110.69		13.30	
15		92.46		28.88		26.85		3.23	
16		162.53		35.74		58.42		7.02	
17		119.98		40.06		48.34		5.81	
18		21.40		49.53		10.66		1.28	
19		38.42		48.71		18.82		2.26	
20		17.34		72.26		12.60		1.51	
21		0.00		0.00		0.00		0.00	
22		28.66		78.41		22.59		2.72	
Totals		4,885.7		16.9		832.2		100.0	

ave vol/tree Table

Table indicates gross volume (not net volume).

NC-1447    Percent Defect = 15 %   Standard Error of Cruise = 11.02%    Spruce fuelwood    BAF = 20 Average DBH in inches of these trees = 7.45				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
6	192.63	3.04	6.29	4.40
7	849.16	5.24	47.76	33.45
8	1,191.92	6.93	88.75	62.15
Totals	2,233.7	6.0	142.8	100.0

ave vol/tree Table

Table indicates gross volume (not net volume).

## NC-1508-F HIGH STANDARDS SPRUCE

**NC-1508-F, High Standards Spruce:** a 10.6 acre sale of one unit located roughly 17 miles west of Fairbanks and can be reached from the Parks Highway by turning north on the Old Nenana Highway between Mileposts 342 and 343. After traveling approximately 2.1 miles north on the Old Nenana Highway turn west on the Standard Creek road for approximately 11 miles to the Standard East road. Once on Standard East drive 6.3 miles to the southern boundary of the sale. The sale area is located within sections 5, 6, and 7, Township 1 South Range 4 West, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawtimber	186 CCF	\$23.45/CCF	\$4,361.70	May 31, 2016

### Short Log Volume in MBF = 76.26

**NC-1508-F** is a stand which consists of 170 year old saw size class white spruce. The terrain is moderately sloping with a southwest facing aspect. There is some evidence of budworm in the stand. The PURCHASER will remove all white spruce that is 9 inches or greater. Bonding for the sale is **\$500.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$250.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1508		Percent Defect = 15 %	Standard Error of Cruise = 14.03 %	Spruce Sawtimber		BAF = 20
Average DBH in inches of these trees = 13.60						
DBH		Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume	
9		32.14	11.29	2.81	1.13	
10		52.07	14.94	6.02	2.76	
11		107.58	20.77	17.30	8.62	
12		90.40	25.59	17.91	9.31	
13		77.03	32.69	19.49	10.43	
14		39.85	39.33	12.13	6.60	
15		46.28	49.63	22.23	9.57	
16		30.51	54.15	12.79	7.20	
17		27.03	57.62	12.05	6.56	
18		48.21	78.77	24.50	16.26	
19		7.21	68.94	3.85	2.14	
20		13.02	109.34	11.02	6.09	
21		5.90	120.47	5.51	3.04	
22		16.14	111.20	13.89	7.67	
23		0.00	0.00	0.00	0.00	
24		4.52	136.72	4.78	2.62	
Totals		597.9	40.00	186.28	100.0	

ave vol/tree Table

Table indicates gross volume (not net volume).

## NC-1514-F     **BERG BIRCH**

**NC-1514-F, Berg Birch:** a 81acre sale of one unit and is located 7.5 miles northeast of Nenana by driving to mileposts 312.1 on the Parks Highway. At this point using an existing driveway a new secondary road will be constructed, with a total length of 0.75 miles. The sale area is located within Sections 20 and 29 of Township 3 South, Range 7 West, of the Fairbanks Meridian, Alaska.

<u>SPECIES &amp; PRODUCT</u>	<u>ESTIMATED NET VOLUME</u>	<u>UNIT PRICE</u>	<u>APPRAISED PRICE</u>	<u>EXPIRATION DATE</u>
Birch fuelwood	985 CCF	\$16.98/CCF	\$16,725.30	May 31, 2016

**NC-1514-F** is a stand primarily of birch with a few aspen and white spruce of about 90 years of age. The size class consists of pole and saw timber. The terrain is moderately to steeply sloping with an east- northeast facing aspect. The PURCHASER will remove all birch which is 6 inches or greater. Bonding for the sale is **\$1,600.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$750.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1514      Percent Defect = 15 %    Standard Error of Cruise = 6.06 %			Birch Fuelwood	BAF = 20
Average DBH in inches of these trees = 7.9				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
6	2993.35	3.07	97.51	8.41
7	4229.23	5.07	227.91	19.66
8	3497.04	7.09	263.70	22.75
9	1637.39	9.01	156.85	13.53
10	1574.96	12.88	215.62	18.60
11	411.04	15.29	66.81	5.76
12	460.52	18.06	88.39	7.62
13	147.15	20.24	31.66	2.73
14	42.29	24.06	10.82	0.93
Totals	14,992.9	7.3	1159.3	100.0

ave vol/tree Table

Table indicates gross volume (not net volume).

## NC-1533-F NENANA RIDGE EAST ASPEN #1

**NC-1533-F, *Nenana Ridge East Aspen #1*:** a 55 acre sale of one unit and is located 40 miles west of Fairbanks by driving west on the Parks Highway to milepost 328 and then turning south onto Nenana Ridge logging road for 3.6 miles. At this point turn east onto an existing secondary road and travel an additional 1.3 miles then turn north and travel on a additional secondary road for 0.5 miles. A new spur road of 0.1 miles will need to be constructed in order to access the sale area. The sale area is located within Sections 2 and 3, Township 3 South Range 5 West, of the Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Aspen fuelwood	864 CCF	\$9.33/CCF	\$8,061.12	May 31, 2016

**NC-1533-F** is a stand primarily composed of aspen with a few white spruce advanced regeneration of about 90 years of age. The size class consists of pole and saw timber. The terrain is gentle with an aspect ranging from south-east to north-west facing aspect. The PURCHASER will remove all aspen which is 6 inches or greater. Bonding for the sale is **\$800.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$250.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1533		Percent Defect = 15 %		Standard Error of Cruise = 7.3 %		Aspen Fuelwood		BAF = 20	
Average DBH in inches of these trees = 7.9									
DBH		Approximate Total Number of Trees		Approximate Volume Per Tree (CF)		Adjusted Gross Volume (CCF)		Percent of Total Sale Volume	
6		2,523.13		3.86		85.4		9.88	
7		2,709.30		6.16		146.47		16.95	
8		1,855.96		8.68		141.28		16.35	
9		1,811.48		11.5		182.8		21.15	
10		1,048.07		14.94		137.37		15.89	
11		404.21		19.94		70.7		8.18	
12		339.65		24.09		71.77		8.3	
13		124.03		26.19		28.49		3.3	
Totals		10,815.83		9.11		864.28		100.00	

ave vol/tree Table

Table indicates gross volume (not net volume).

## NC-1534-F NENANA RIDGE POWERLINE BIRCH #1

**NC-1534-F, *Nenana Ridge Powerline Birch #1*:** a 5.3 acre sale of one unit and is located 40 miles west of Fairbanks by driving west on the Parks Highway to milepost 328 and then turning south onto Nenana Ridge logging road for 3.6 miles. At this point turn east onto an existing secondary road and travel an additional 1.3 miles then turn north and travel on a additional secondary road for 0.5 miles. The sale area is located within Section 4, Township 3 South Range 5 West, of the Fairbanks Meridian, Alaska.

<u>SPECIES &amp; PRODUCT</u>	<u>ESTIMATED NET VOLUME</u>	<u>UNIT PRICE</u>	<u>APPRAISED PRICE</u>	<u>EXPIRATION DATE</u>
Birch fuelwood	113 CCF	\$21.93/CCF	\$2,478.09	May 31, 2016

**NC-1534-F** is a stand primarily composed of birch with a few white spruce pole and sawtimber of about 100 years of age. The size class consists of pole and saw timber. The terrain is gentle with an aspect ranging from south-east to north-west facing aspect. The PURCHASER will remove all birch which is 6 inches or greater. Performance bonding required prior to execution is set at **\$250.00** or 10% of the final bid price whichever is greater which will be returned upon completion of the project to the satisfaction of the Forester-in-Charge

NC-1534		Percent Defect = 15 %		Standard Error of Cruise = 11.5 %		Birch Fuelwood		BAF = 20	
Average DBH in inches of these trees = 7.6									
DBH		Approximate Total Number of Trees		Approximate Volume Per Tree (CF)		Adjusted Gross Volume (CCF)		Percent of Total Sale Volume	
6		313.44		3.74		16.22		12.2	
7		287.86		5.7		22.69		17.07	
8		396.7		8.35		45.8		34.46	
9		208.96		10.89		31.45		23.66	
10		28.21		13.93		5.43		4.09	
11		23.31		15.29		4.93		3.71	
12		19.59		23.65		6.41		4.82	
Totals		1278.1		7.5		132.9		100.0	

ave vol/tree Table

Table indicates gross volume (not net volume).

## NC-1542-F LOOP BIRCH

**NC-1542-F, Loop Birch:** a 44.02 acre sale of one unit and is located 40 miles west of Fairbanks by driving west on the Parks Highway to milepost 328 and then turning south onto Nenana Ridge logging road for 3.5 miles. At this point turn west onto an existing secondary road and travel an additional 1.25 miles. A new secondary road of 0.43 miles will need to be constructed in order to access the sale area. The sale area is located within Section 8, Township 3 South Range 5 West, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch fuelwood	1143 CCF	\$19.24/CCF	\$21,991.32	May 31, 2016

**NC-1542-F** is a stand primarily composed of birch with patches of advanced regeneration white spruce and some aspen which is all about 90 years of age. The size class consists of pole and saw timber. The terrain is moderately sloping with a south to southwest facing aspect. The PURCHASER will remove all birch which is 6 inches or greater. Performance bonding required prior to execution is set at **\$2,200.00** or 10% of the final bid price whichever is greater, plus a project bond of **\$1,000.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1542		Percent Defect = 15 %		Standard Error of Cruise = 5.40 %		Birch Fuelwood		BAF = 20	
Average DBH in inches of these trees = 9.79									
DBH		Approximate Total Number of Trees		Approximate Volume Per Tree (CF)		Adjusted Gross Volume (CCF)		Percent of Total Sale Volume	
6		333.69		3.32		11.19		0.83193	
7		1716.14		5.99		104.07		7.73714	
8		1501.62		8.45		128.35		9.54225	
9		815.7		11.39		93.99		6.98774	
10		1021.1		13.05		134.82		10.0233	
11		1489.21		18.32		276.07		20.5246	
12		959.37		22.76		220.93		16.4252	
13		284.33		27.36		78.7		5.851	
14		214.52		30.74		66.73		4.96108	
15		347.04		34.7		121.85		9.05901	
16		187.7		41.03		77.92		5.79301	
17		20.78		45.98		9.67		0.71892	
18		18.54		59.98		11.25		0.83639	
19		16.64		56.61		9.53		0.70851	
Totals		8926.4		379.7		1345.1		100	

ave vol/tree Table

Table indicates gross volume (not net volume).

## NC-1547-F OLD VALDEZ TRAIL SPRUCE

**NC-1547-F, Old Valdez Trail Spruce:** a 50.6 acre sale of one unit and is located 37 miles southeast of Fairbanks by driving southeast on the Richardson Highway to milepost 319. At this point turn right (west) on the old Valdez Trail. This road traverses a residential area and turns to the north. Travel along this road until it ends at the Tanana River. This is where a new winter road will be started to gain access to the sale. The sale is located 1.7 miles north along the proposed winter road. The sale area is located Section 32 Township 5 South Range 4 East, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	518 CCF	\$20.58/CCF	\$10,660.44	May 31, 2016
Spruce fuelwood	187 CCF	\$10.00/CCF	<u>\$1870.00</u>	May 31, 2016
		<b>Total</b>	<b>\$12,530.44</b>	

**Short Log Volume in MBF = 212.38**

**NC-1547-F** is a stand primarily composed of 120 year old white spruce. There is evidence of butt rot with some wind throw particularly around openings. The size class consists of pole and saw timber. Budworm is moderate in this area. The site is on a flat island within the floodplain of the Tanana River. The PURCHASER will remove all white spruce which is 6 inches or greater. Performance bonding required prior to execution is set at **\$1,200.00** or 10% of the final bid price whichever is greater, plus a project bond of **\$500.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1547    Percent Defect = 15 %    Standard Error of Cruise = 7.48 %    Spruce Sawtimber    BAF = 20				
Average DBH in inches of these trees = 10.99				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
9	1,333.99	6.23	72.39	12.56
10	1,031.42	8.72	78.39	13.6
11	1,177.14	12.31	126.2	21.9
12	682.16	15.54	92.32	16.02
13	552.18	19.46	93.6	16.24
14	175.41	23.63	36.11	6.27
15	130.97	28.07	32.02	5.56
16	57.56	31.76	15.92	2.76
17	33.99	37.99	11.25	1.95
18	45.48	45.68	18.1	3.14
Totals	5220.3	12.67	576.3	100

ave vol/tree Table

Table indicates gross volume (not net volume).

NC-1547      Percent Defect = 15 %    Standard Error of Cruise = 11.79%      Spruce fuelwood      BAF = 20 Average DBH in inches of these trees    = 7.27				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
6	818.59	2.33	21.04	10.1
7	1,603.76	3.58	63.41	30.45
8	1,995.31	5.62	123.81	59.45
Totals	4417.66	4.27	208.26	100

ave vol/tree Table

Table indicates gross volume (not net volume).

## **GENERAL SALE INFORMATION**

### **METHOD OF CRUISING:**

All sales were cruised or estimated by Division of Forestry personnel, by either a variable radius plot method with a 10 BAF or a 20 BAF, or using the percent method. Spruce fuelwood volumes were calculated using local white spruce volume tables to a 4 inch top using Malone, T., et al. (2013). Total and Merchantable Volume of White Spruce in Alaska. Western Journal of Applied Forestry 28(2): 71-77 while, the hardwood fuelwood volumes were calculated using Gregory, R.A. and P.M. Haack. (1964). Equations and Tables for Estimating Cubic-Food Volume of Interior Alaska Tree Species. U.S. Forest Service. Research Note NOR-6. 21 p. The sawlog volumes were calculated using local white spruce volume to a 6 inch top using Malone, T., et al. (2013).

Cruise summaries are available upon request. The State neither expressly nor implicitly warrants its estimate of quantity or quality, or marketability of the timber sold. Prospective bidders should make their own estimates of timber volume and quality. The State neither expressly nor implicitly warrants its improvements estimates. Estimates are used only to establish minimum bid. Each PURCHASER is required to estimate his own costs and bid accordingly.

Defect was estimated based on visible indicators, and experienced averages in the area.

### **PRIMARY MANUFACTURE:**

Primary manufacture of the timber in Alaska is NOT required.

### **METHOD OF PAYMENT:**

These are "lump-sum" sales. The PURCHASER shall pay the full contract price for the sales, or any payment unit of the sales, before any timber may be cut or removed from the sales. Stumpage payments are non-refundable.

### **AUTHORITY:**

The cutting and removal of timber shall be carried out under the authority of the Alaska Statutes, Title 38, Public Lands, Chapter 05, Alaska Land Act, Article 4, entitled "Disposal of Timber and Materials," and Title 11, Alaska Administrative Code, Chapter 71, Articles 1-5 inclusive, referred to as the "Timber and Material Sales" Regulations.

### **SALE PROCEDURES-BID DEPOSIT REQUIREMENTS:**

All timber sales will be sold by sealed bid. Bids will be accepted until the time of opening. The opening of the sealed auction bids will be on May 29<sup>th</sup>, 2013 at the DNR, and will start promptly at 10:00 am.

To qualify for bidding all bidders must submit:

(1) a deposit of cash, certified check, money order, cashier's check or any combination of these in favor of the State of Alaska, Department of Natural Resources, equal to ten percent (10%) of the total appraised price accompanied by a completed bid deposit form (10-2102). If the high bidder fails to execute the contract within the allotted 30 days the bid deposit will revert to the State. EACH BID DEPOSIT AND BID DEPOSIT FORM MUST BE IN AN INDIVIDUAL ENVELOPE WITH THE SALE NUMBER MARKED ON THE OUTSIDE.

(2) Each bidder must submit to the selling agent a copy of a current, valid Alaska Business License in the name of the bidder, or-

(3) If bidding as an agent for an individual, a partnership, corporation, or other legally established firm, the agent must present a power-of-attorney or other notarized authorization creating such agency to the selling agent. An agent may represent only one principal during each auction and may not also participate in his own behalf.

(4) The apparent successful bidder may be required to furnish a sworn financial statement showing ability to fulfill the terms of the contract.

(5) All of the successful bidder's deposits will be credited to the total amount due to the State for stumpage or bonds.

The deposits furnished by the unsuccessful bidders shall be returned to the unsuccessful bidders. The deposits furnished by the high bidder whose bid was declared acceptable shall be retained as liquidated damages if the high bidder does not execute the contracts and furnish satisfactory bonds within thirty (30) days of receipt of the contract for execution.

If no bid is received at the auction, the sales may, at the discretion of the director, be available over the counter.

### **RESERVATIONS:**

The State reserves the right to waive technical defects in this prospectus and reject any and all high bids. The State

reserves the right to award the timber for the amount of the next high bid to the next high bidder if the director considers the highest bidder unqualified to fulfill the requirements of the contract or if the contract is not executed by the highest bidder. The State also reserves the right to waive any informality in the bids received whenever the waiver is in the best interest of the State.

**GENERAL:**

Further information, including copies of this prospectus, bid forms, sample contracts, copies of sale appraisal, etc. may be obtained from the Fairbanks Area Office, Division of Forestry, 3700 Airport Way, Fairbanks, Alaska 99709-4613, or contact Brian Young at 907-451-2602.